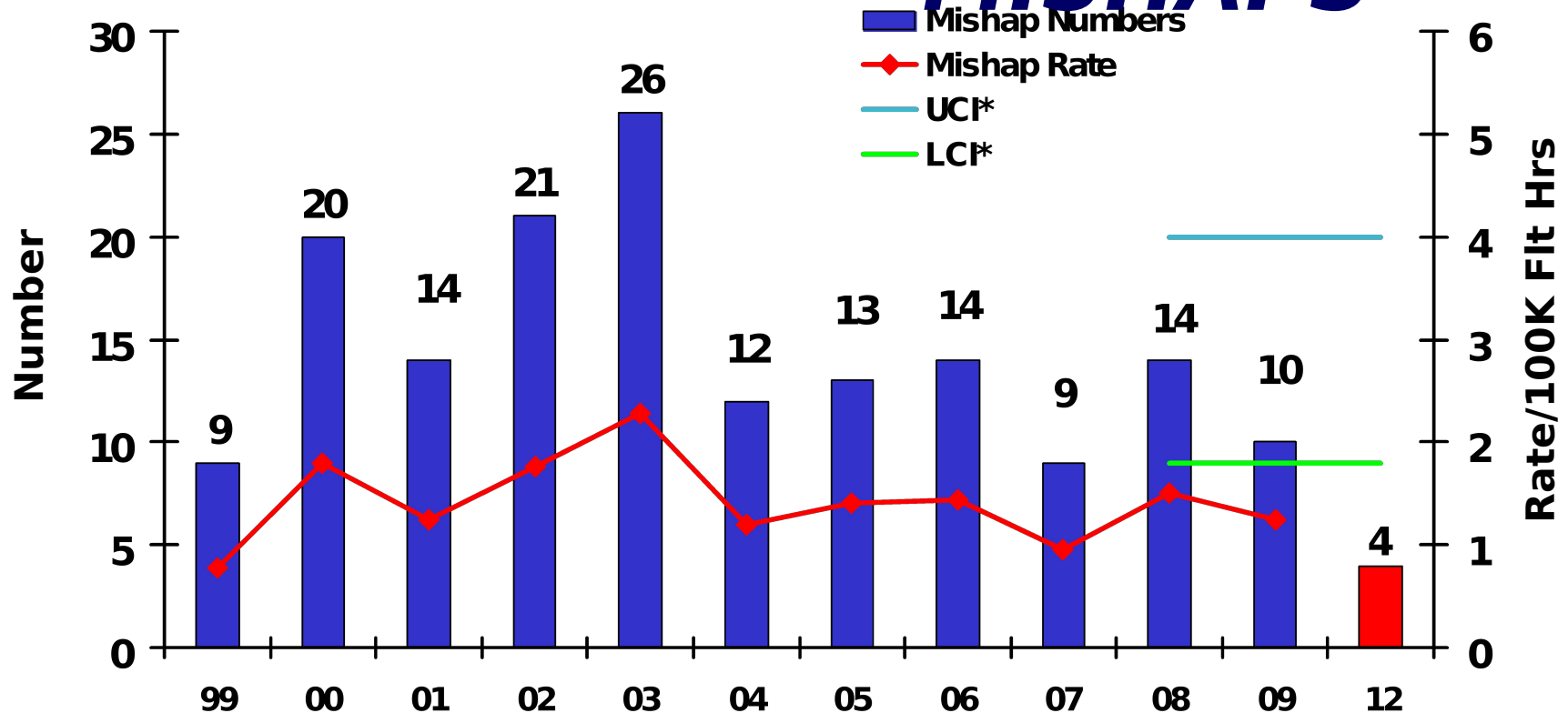




CLASS A FLIGHT MISHAPS



12 Aug 09

12 Aug 08

CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

10 / 1.24

14 / 1.73

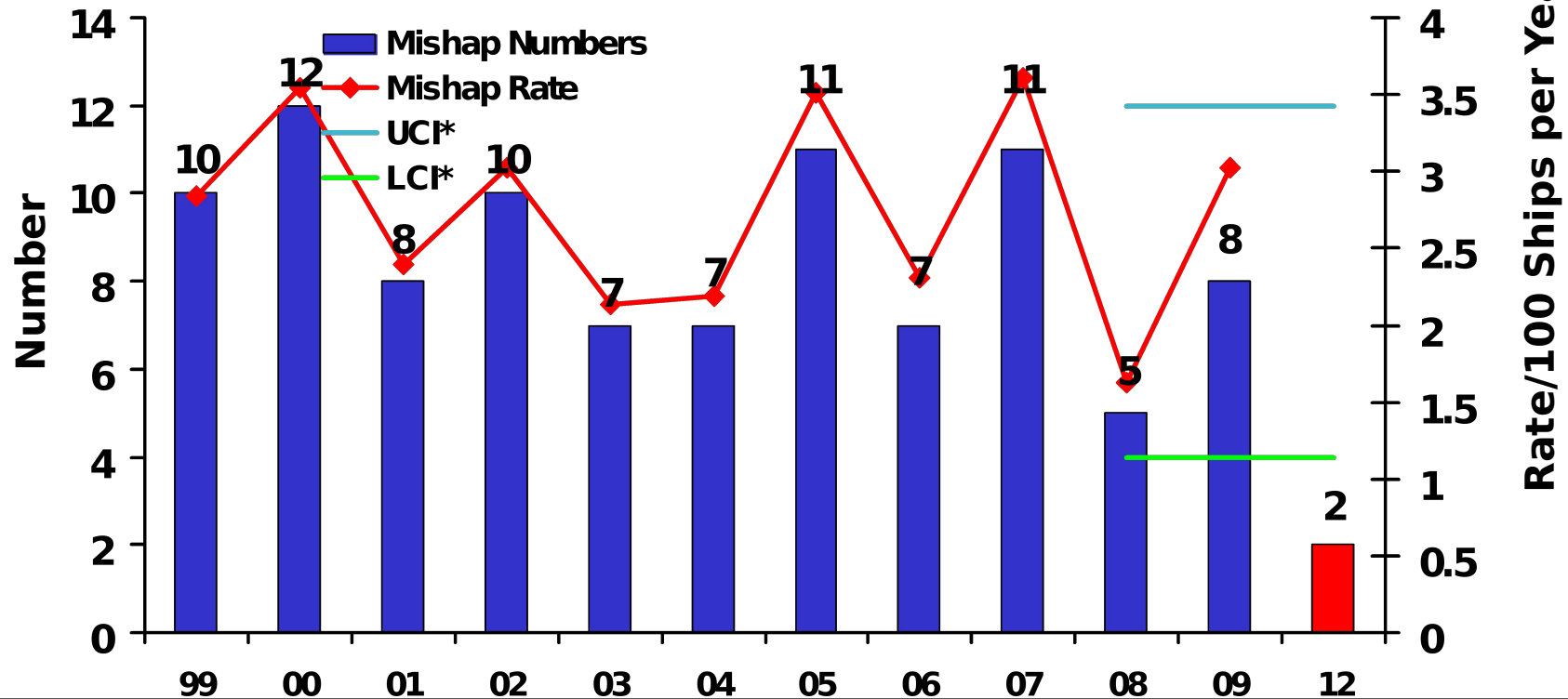
FY08 MISHAPS/MISHAP RATE: 14 / 1.50

10-YEAR AVERAGE (FY99-08) MISHAPS/MISHAP RATE: 15.2 / 1.45

*see last slide for definition of UCI/LCI



CLASS A AFLOAT MISHAPS



Aug 08

CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 8 / 3.02 4 /

1.51

FY08 MISHAPS/MISHAP

RATE: 5 / 1.63

10-YEAR AVERAGE (FY99-08) MISHAPS/MISHAP RATE: 8.8 / 2.73

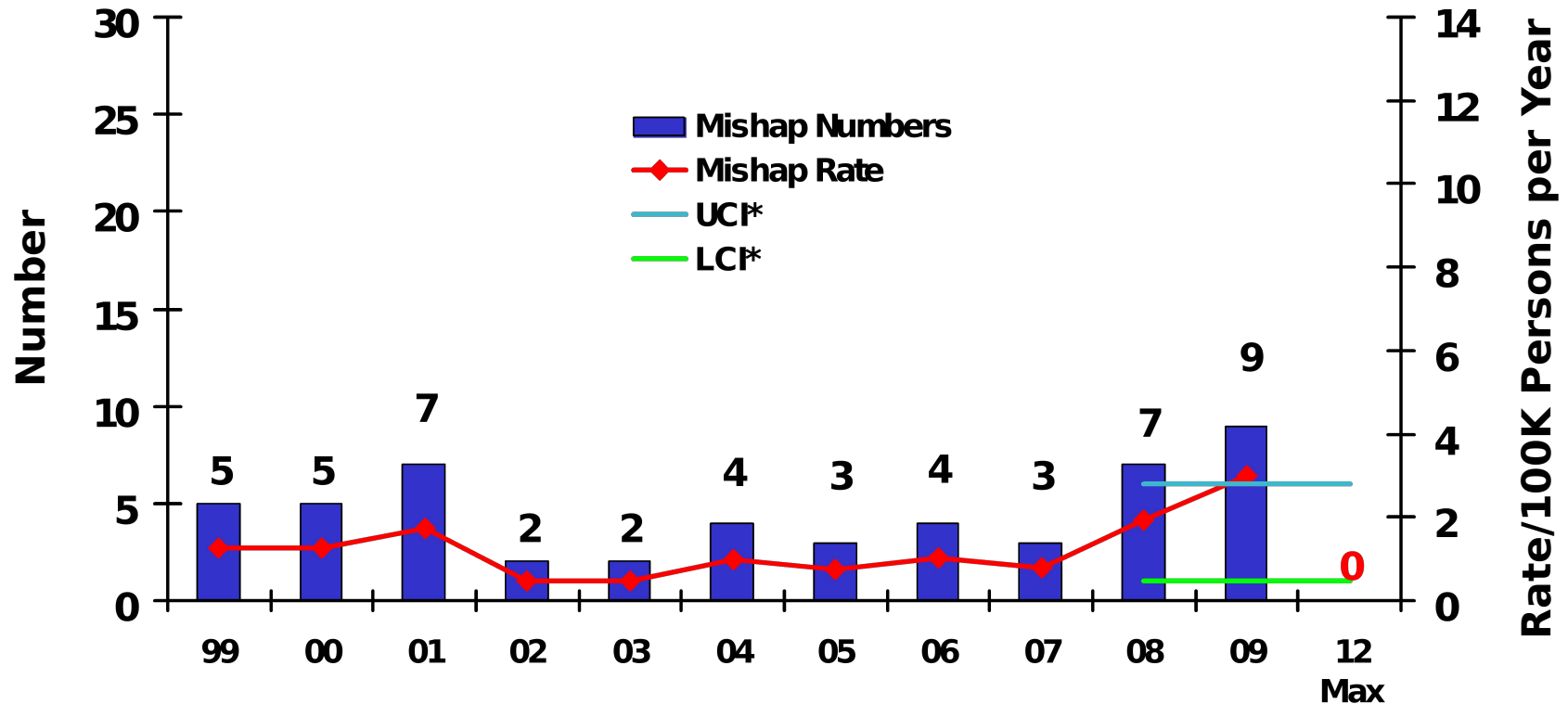
12 Aug 09

12

Max



CLASS A SHORE ON-DUTY MISHAPS



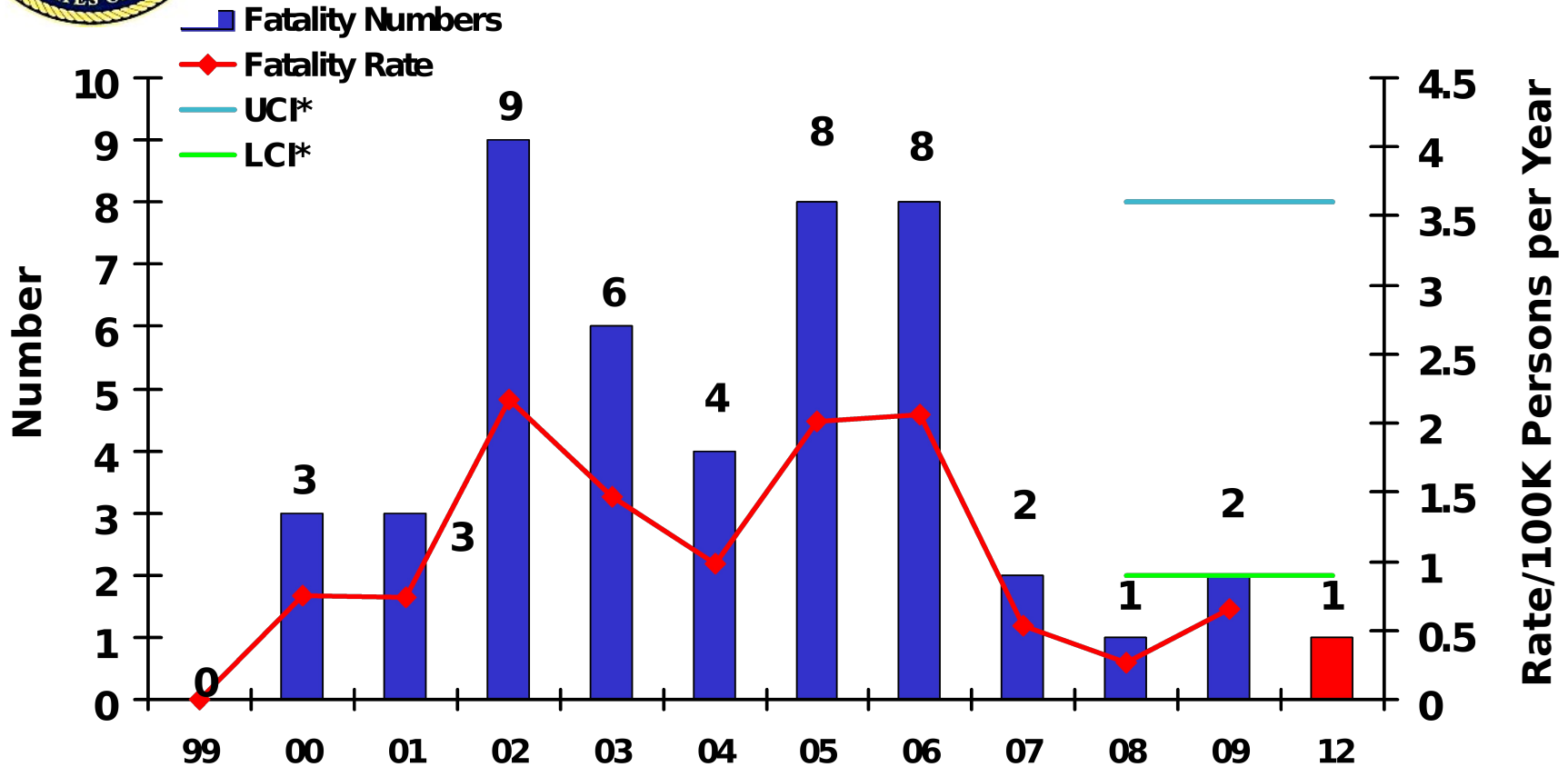
Aug 08

CLASS A MISHAPS/MISHAP RATE FY COMPARISON:				12 Aug 09	12
				9 / 2.99	6 /
					1.90
FY08 MISHAPS/MISHAP RATE:				7 / 1.92	
10-YEAR AVERAGE (FY99-08) MISHAPS/MISHAP RATE:				4.2 / 1.06	

*see last slide for definition of UCI/LCI



PHYSICAL TRAINING FATALITIES



Aug 08

0.32

FATALITIES/FATALITY RATE FY COMPARISON : **2 / 0.66** **1 /**

FY08 FATALITIES/FATALITY RATE : **1 / 0.27**

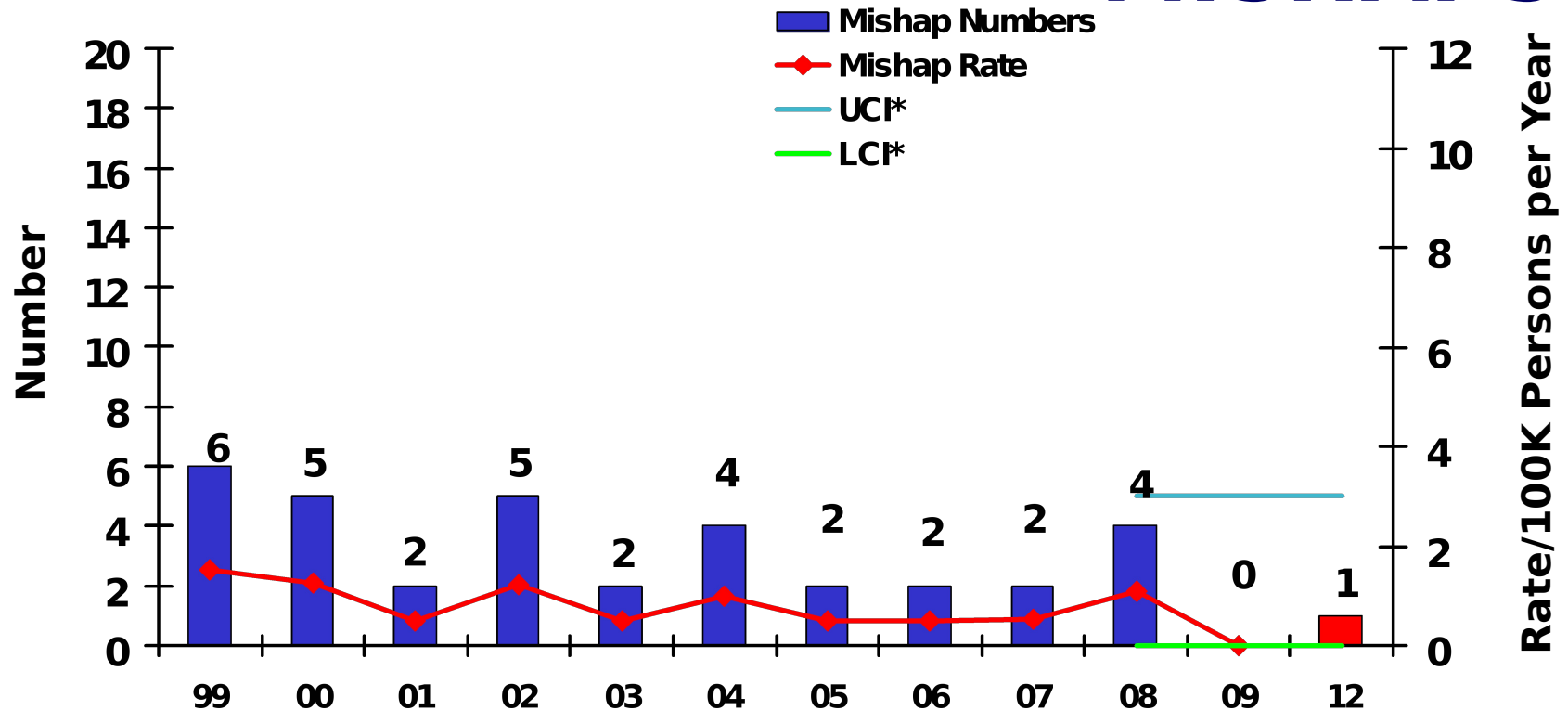
10 YEAR AVERAGE (FY99-08) FATALITIES/FATALITY RATE: **4.4 / 1.11**

12 Aug 09 12

Max



CLASS A ON-DUTY MV MISHAPS



Aug 08

CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 0 / 0.00

4 /

1.27

FY08

MISHAPS/MISHAP RATE: 4 / 1.10

10-YEAR AVERAGE (FY99-08) MISHAPS/MISHAP RATE: 3.4 / 0.86

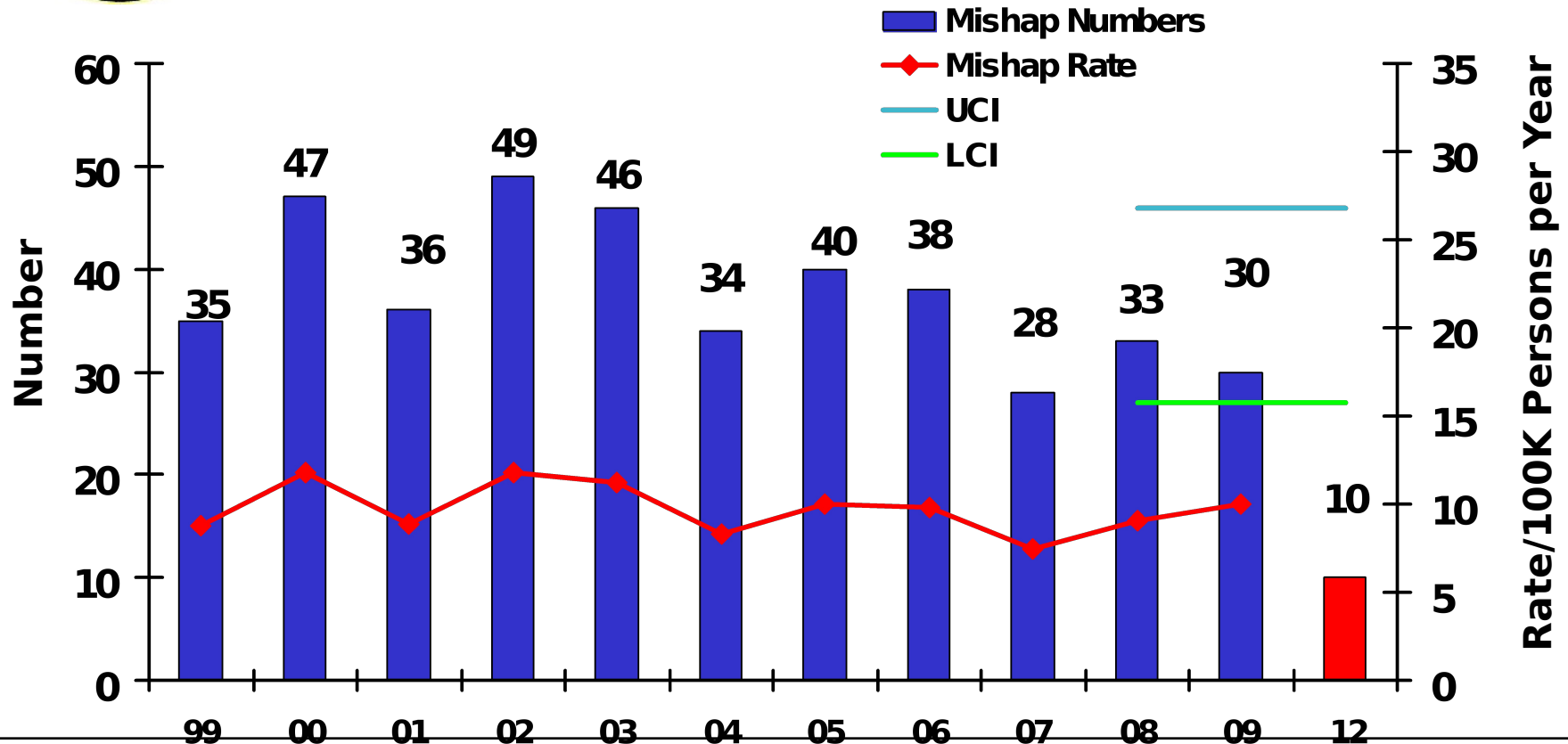
12 Aug 09

12

Max



TOTAL CLASS A ON-DUTY MISHAPS



Aug 08

CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 30 / 9.96
31 / 9.83

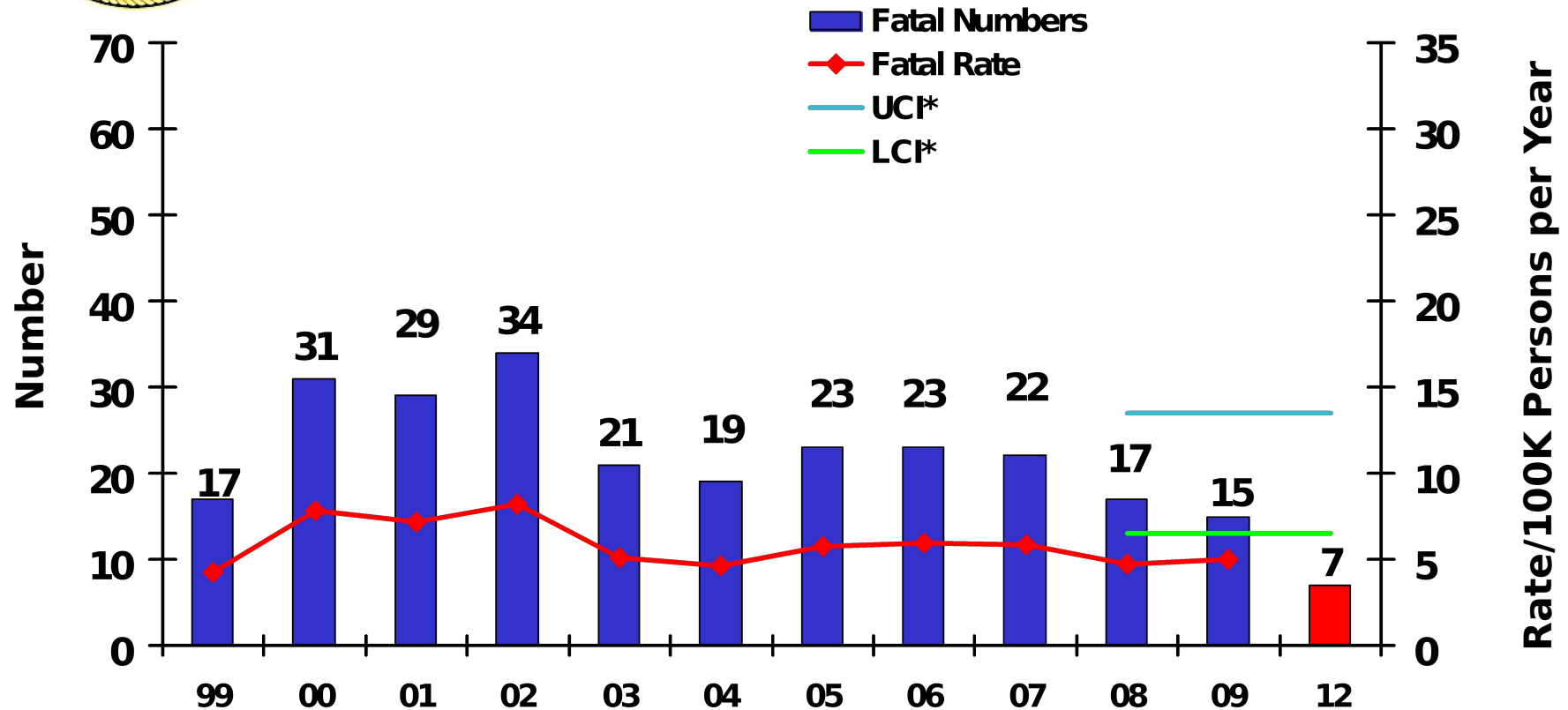
FY08 MISHAPS/MISHAP RATE: 33 / 9.06

10-YEAR AVERAGE (FY99-08) MISHAPS/MISHAP RATE: 38.6 / 9.75

*see last slide for definition of UCI/LCI



ON-DUTY FATALITIES



12 Aug 08

12 Aug 09

FATALITIES/FATALITY RATE FY COMPARISON: 15 / 4.98 15

/ 4.76 **FY08 FATALITIES/FATALITY**

RATE: 17 / 4.67

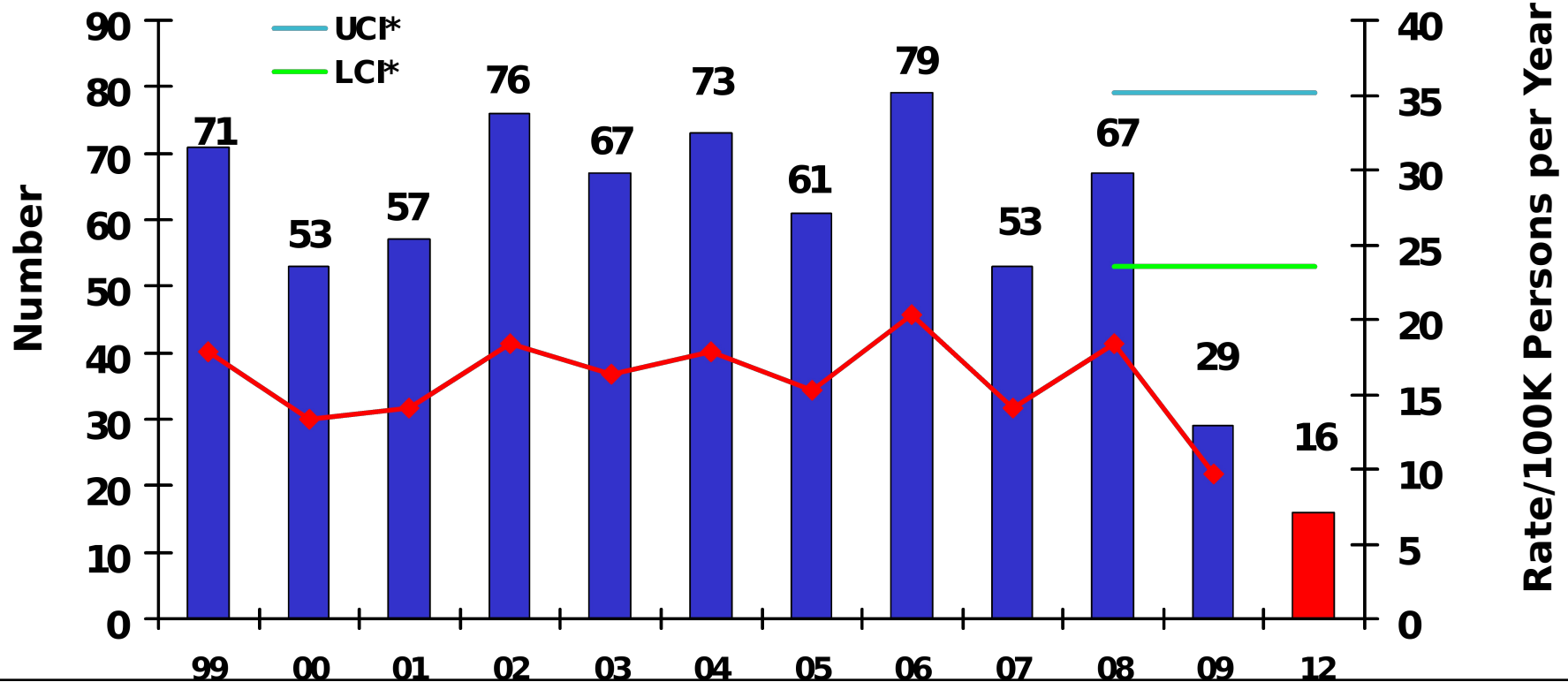
10-YEAR AVERAGE (FY99-08) FATALITIES/FATALITY RATE: 23.6 / 5.96

*see last slide for definition of UCI/LCI



PMV FATALITIES

■ Fatal Numbers
◆ Fatal Rate
— UCI*
— LCI*



Aug 08

**CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 29 / 9.63
56 / 17.76**

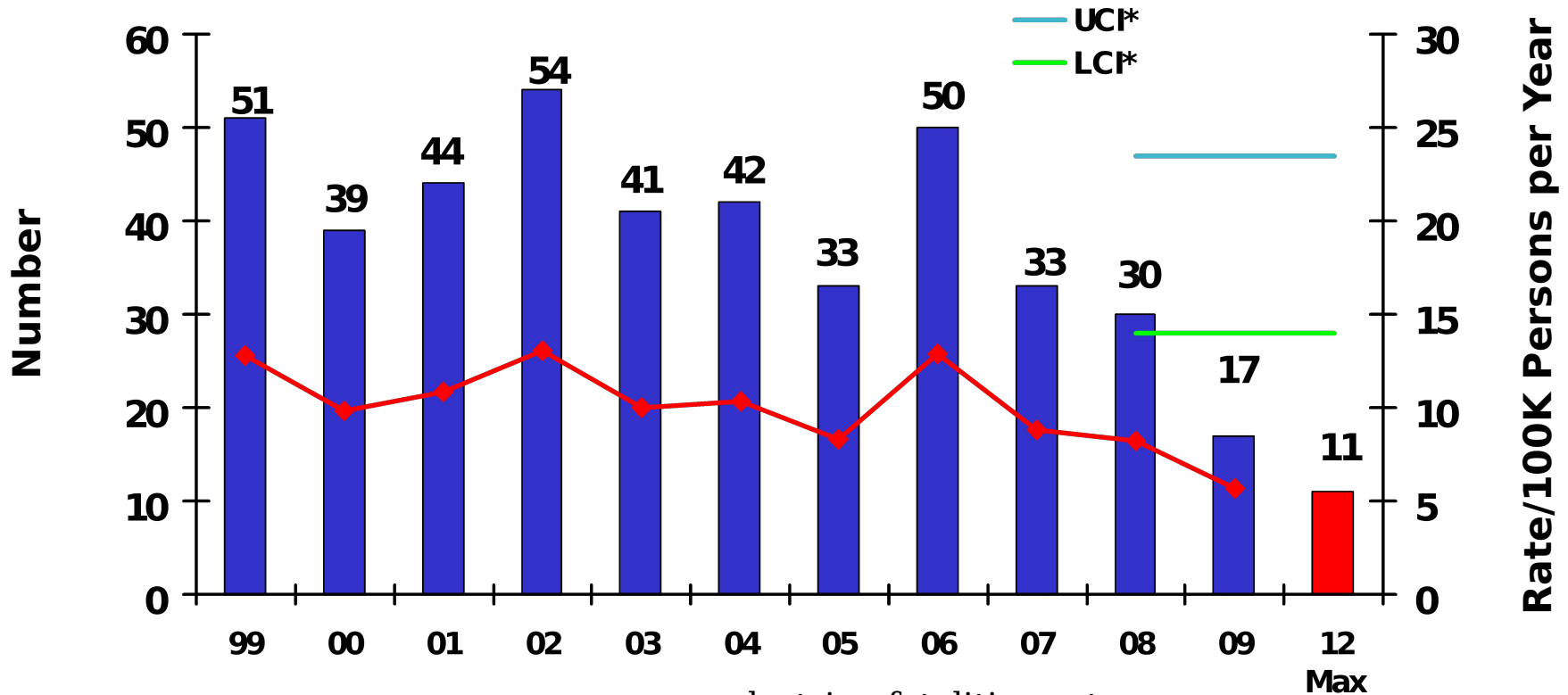
FY08 FATALITIES/FATALITY RATE: 67 / 18.39

10 YEAR AVERAGE (FY99-08) FATALITIES/FATALITY RATE: 65.7 / 16.60

*see last slide for definition of UCI/LCI



4-WHEEL PMV FATALITIES



Aug 08

CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 17 / 5.64
29 / 9.20

FY08 FATALITIES/FATALITY RATE: 30 / 8.24

10 YEAR AVERAGE (FY99-08) FATALITIES/FATALITY RATE: 41.7 / 10.53

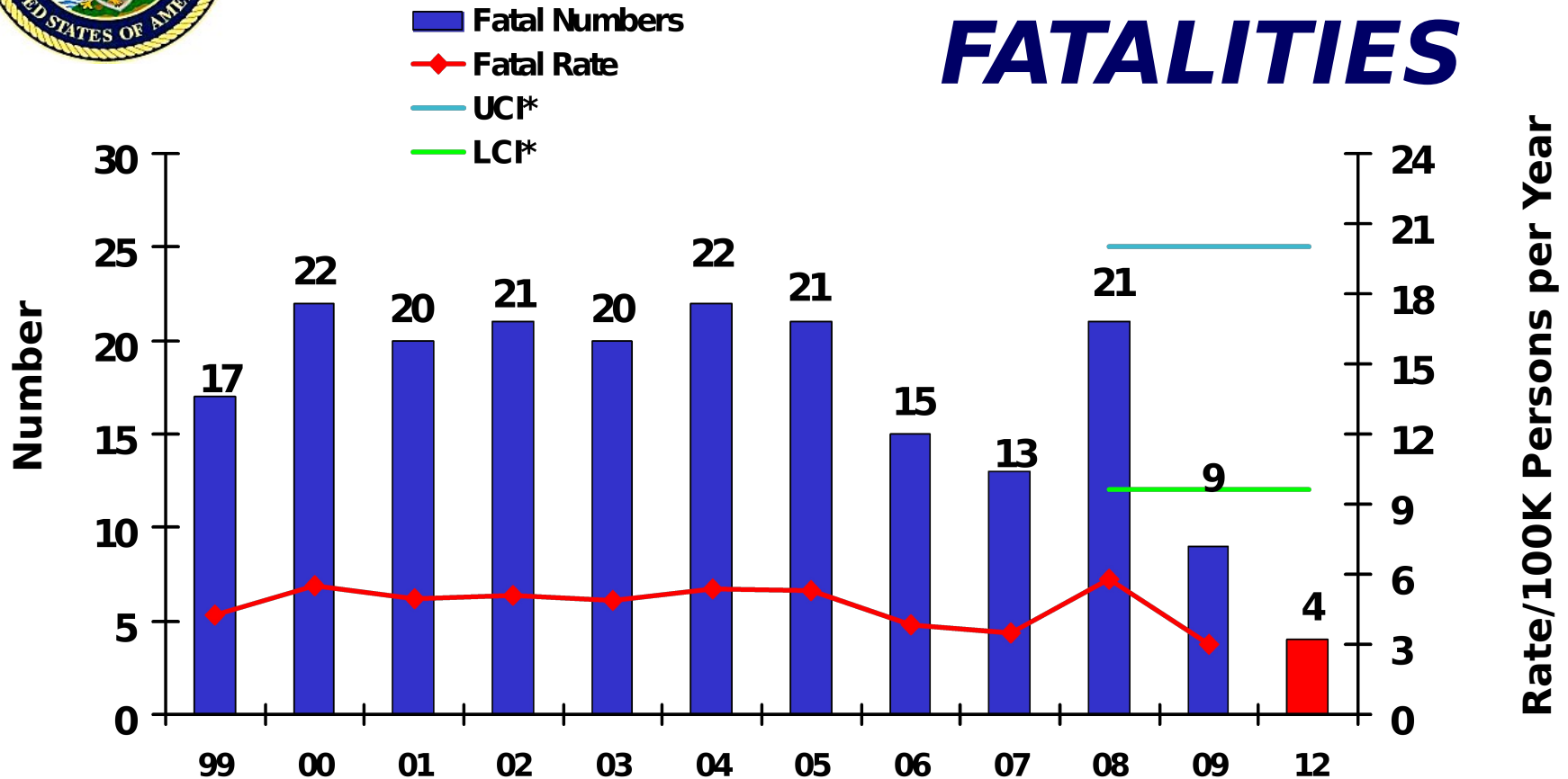


CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 10 / 3.32 24 / 61 FY08

10-YEAR AVERAGE (FY99-08) FATALITIES/FATALITY RATE: 20.3 / 5.13



OFF-DUTY/REC FATALITIES



Aug 08

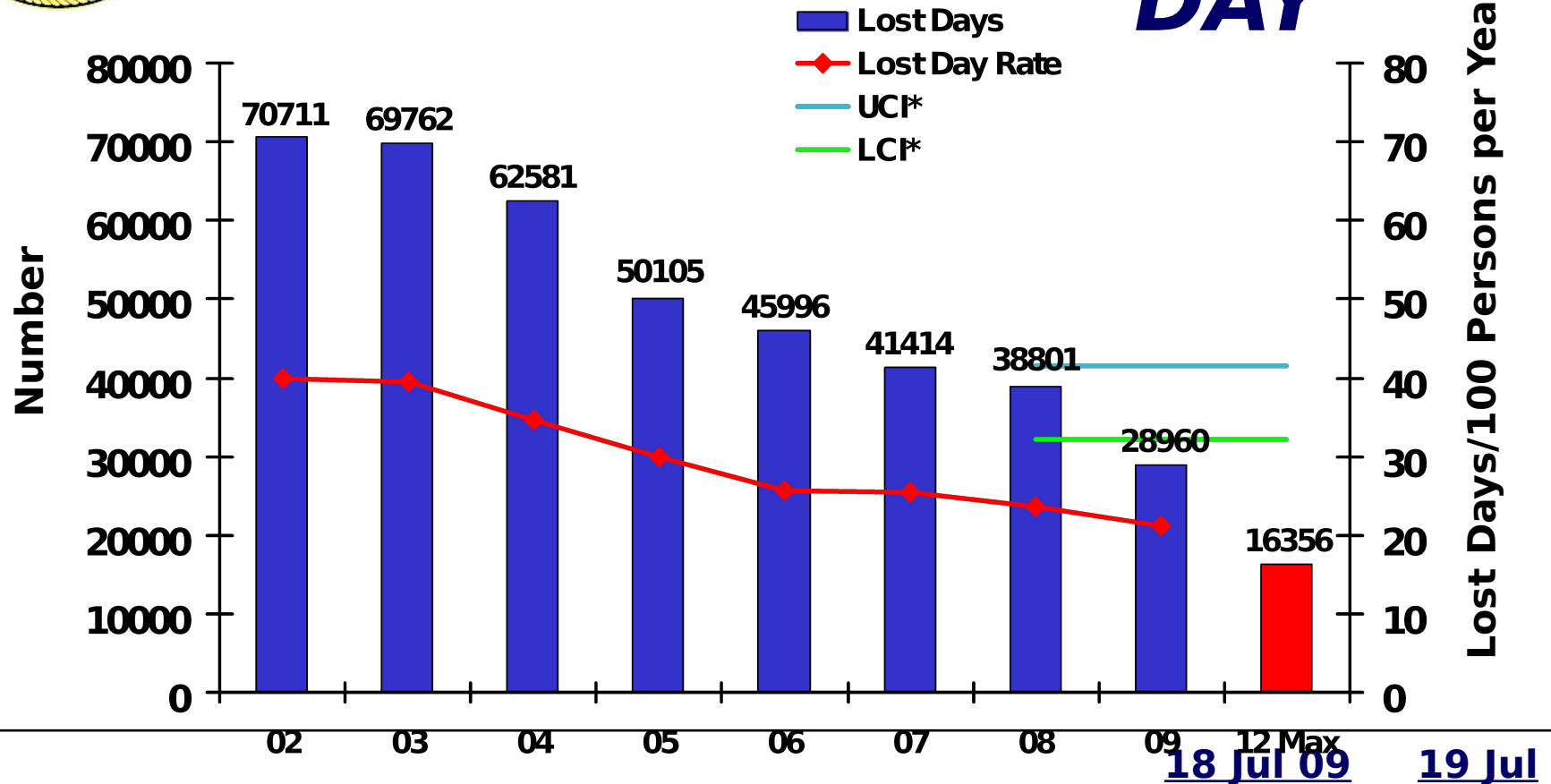
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 9 / 2.99 18 / 5.71
FY08 FATALITIES/FATALITY RATE: 21 / 5.77

10-YEAR AVERAGE (FY99-08) FATALITIES/FATALITY RATE: 19.2 / 4.85

*see last slide for definition of UCI/LCI



CIVILIAN LOST WORK DAY



LOST WORK DAY FY RATE COMPARISON: 21.20

08

25.36

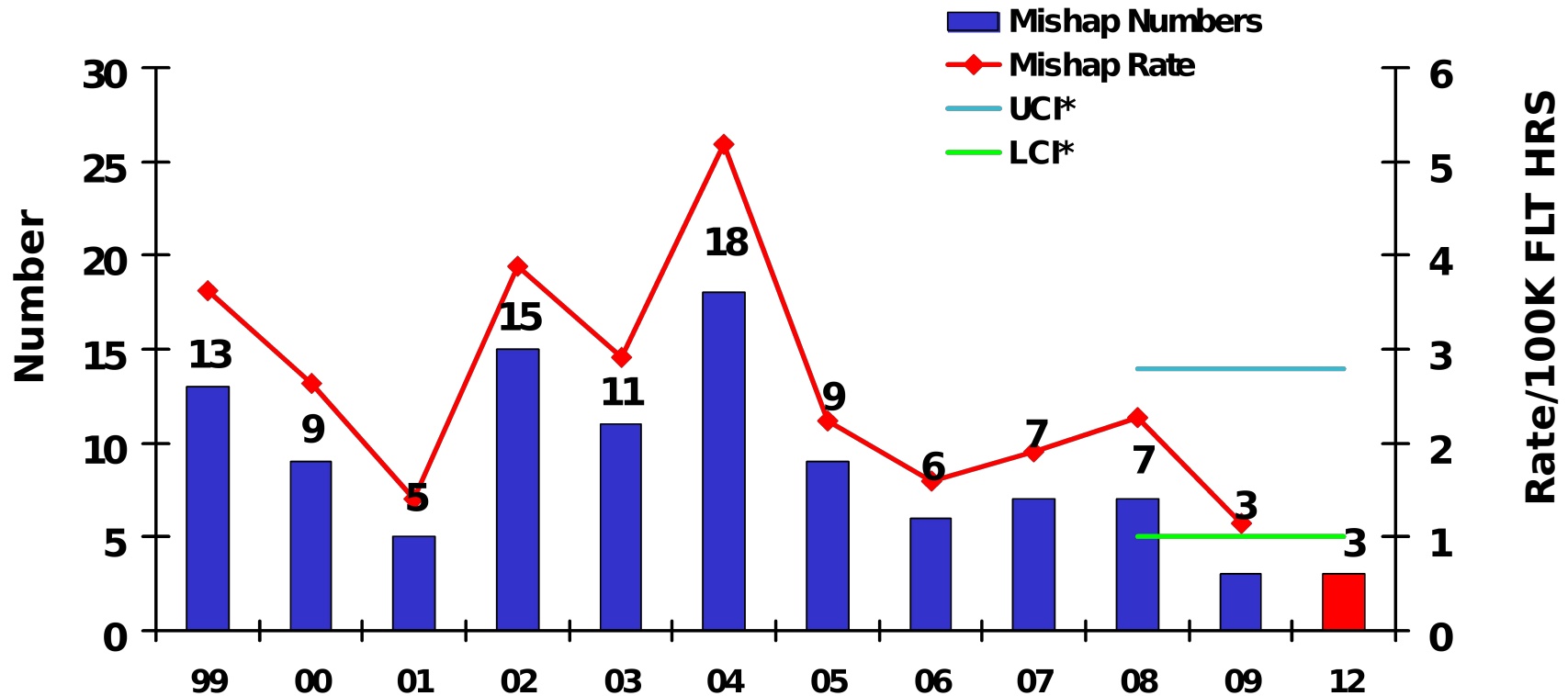
FY08 LOST WORK DAY RATE: 23.62

5-YEAR AVERAGE (FY04-08) LOST WORK DAY RATE: 28.20

*see last slide for definition of UCI/LCI



CLASS A FLIGHT MISHAPS



Aug 08

6 / 2.20

CLASS A FM/FM RATE FY COMPARISON: 3 / 1.15

FY08 MISHAPS/MISHAP RATE: 7 / 2.28

10-YEAR AVERAGE (FY99-08) MISHAPS/MISHAP RATE: 10 / 2.76

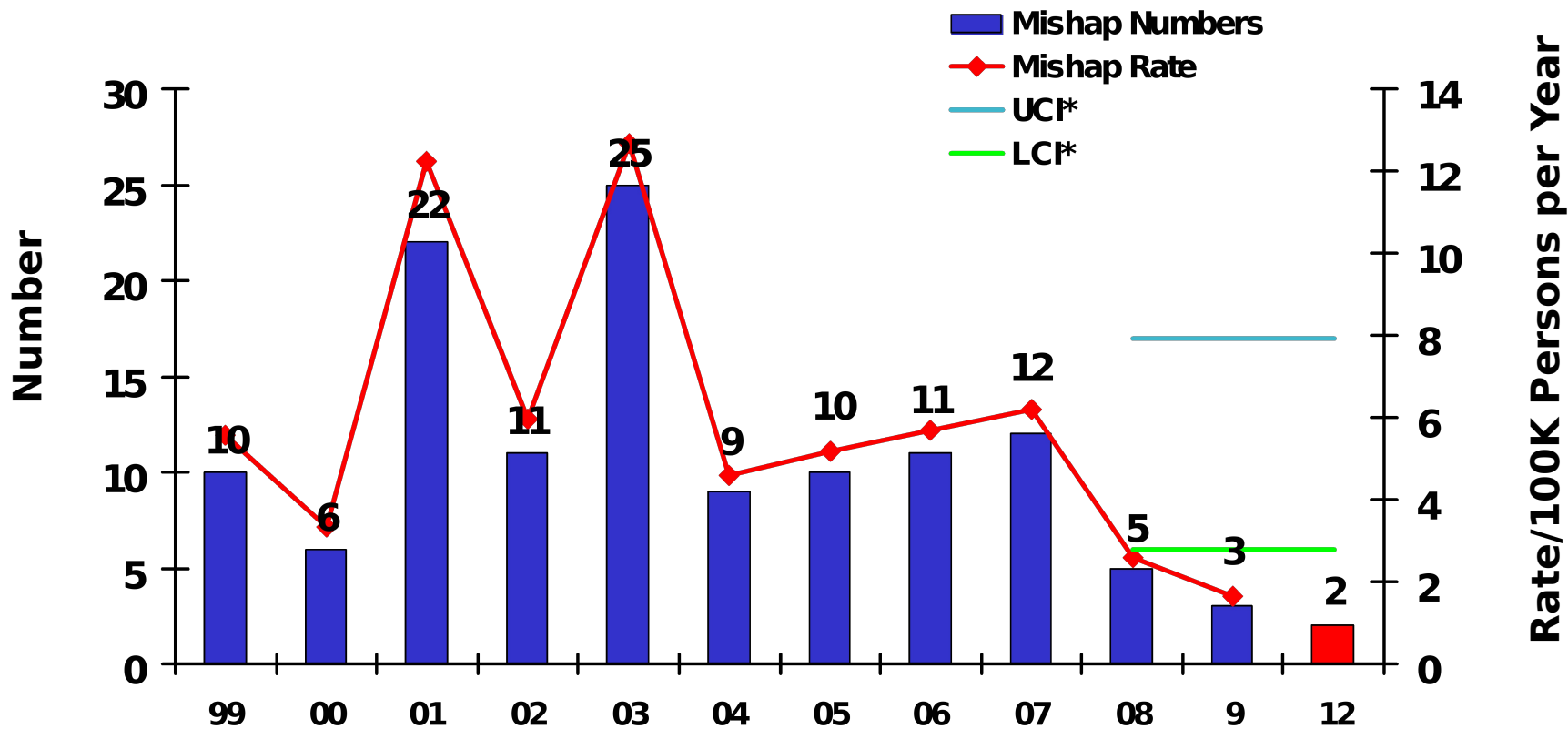
12 Aug 09

12

Max



CLASS A GROUND ON-DUTY MISHAPS



12 Aug 08

CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

5 / 2.97

RATE: 5 / 2.57

3 / 1.64

FY08 MISHAPS/MISHAP

10-YEAR AVERAGE (FY99-08) MISHAPS/MISHAP RATE:

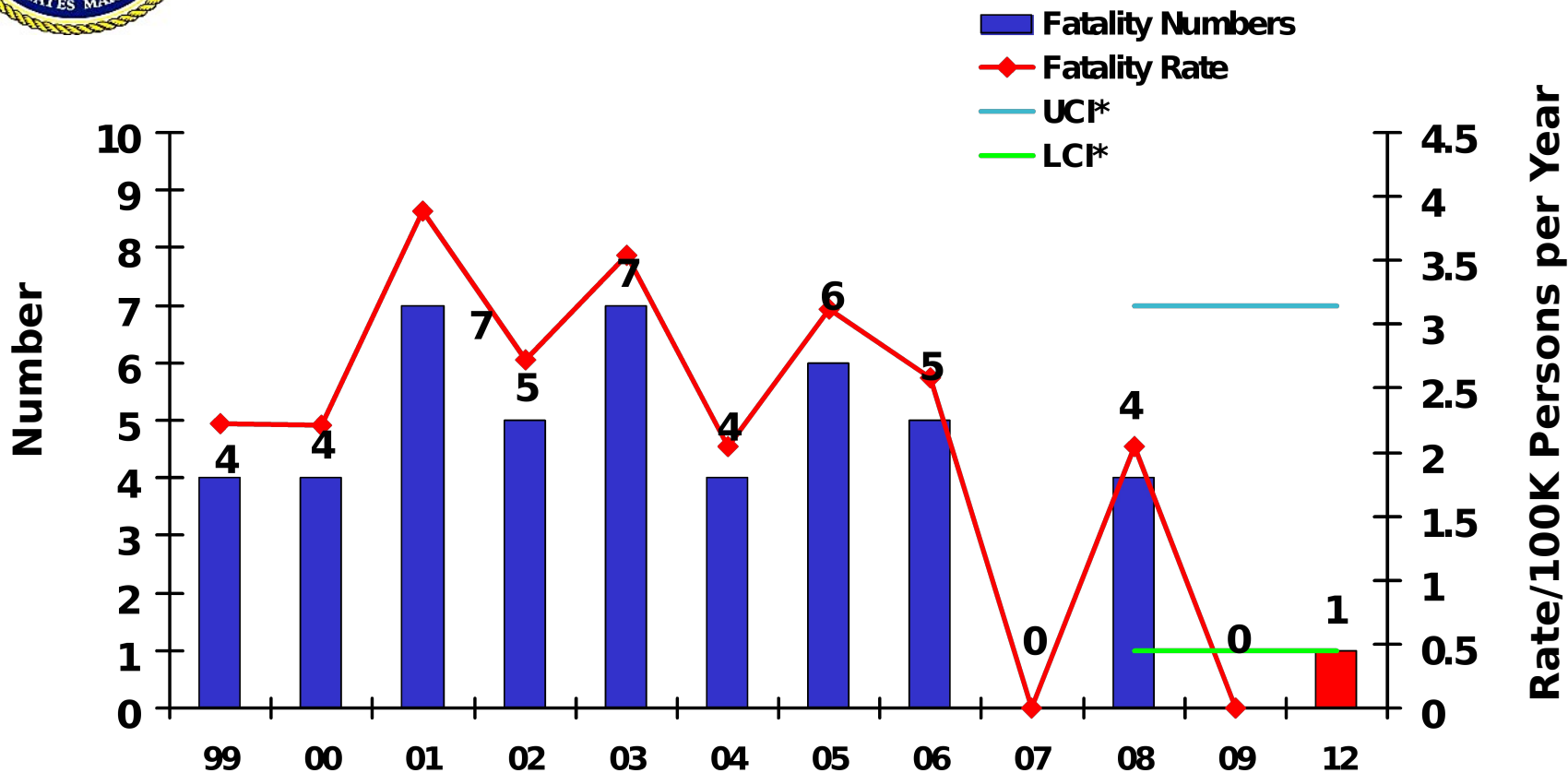
12.1 / 6.39

12 Aug 09

Max



PHYSICAL TRAINING FATALITIES



PT fatalities are also reflected in the Ground On-Duty Mishap slide

12 Aug 09

12

Aug 08

FATALITIES/FATALITY RATE FY COMPARISON : **0 / 0.00** **4 /**

2.37

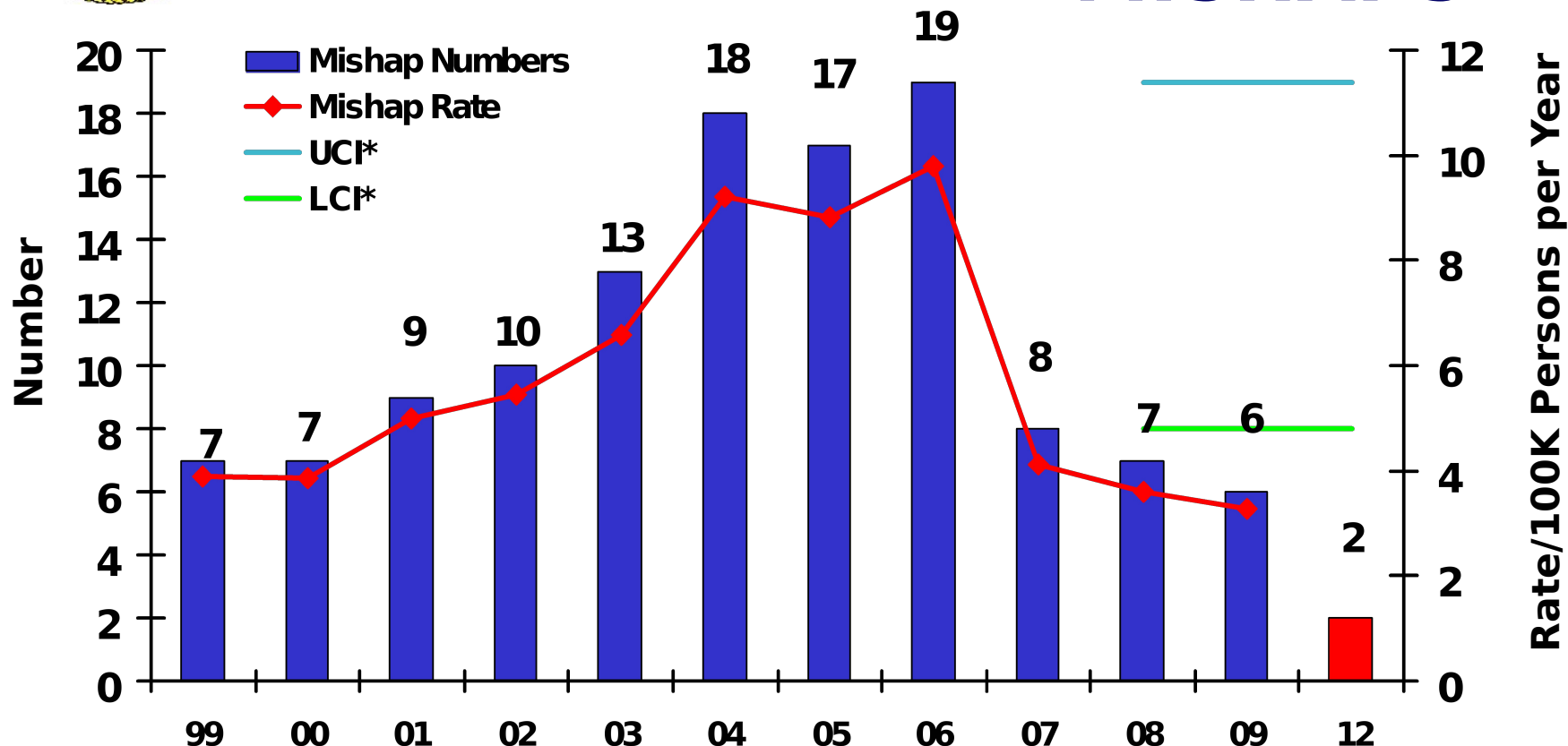
FY08 FATALITIES/FATALITY RATE : **4 / 2.05**

10-YEAR AVERAGE (FY99-08) FATALITIES/FATALITY RATE: **4.6 / 2.43**

*see last slide for definition of UCI/LCI



CLASS A ON-DUTY MV MISHAPS



Aug 08

CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

6 / 3.28

7 /

4.15

FY08 MISHAPS/MISHAP RATE:

7 / 3.60

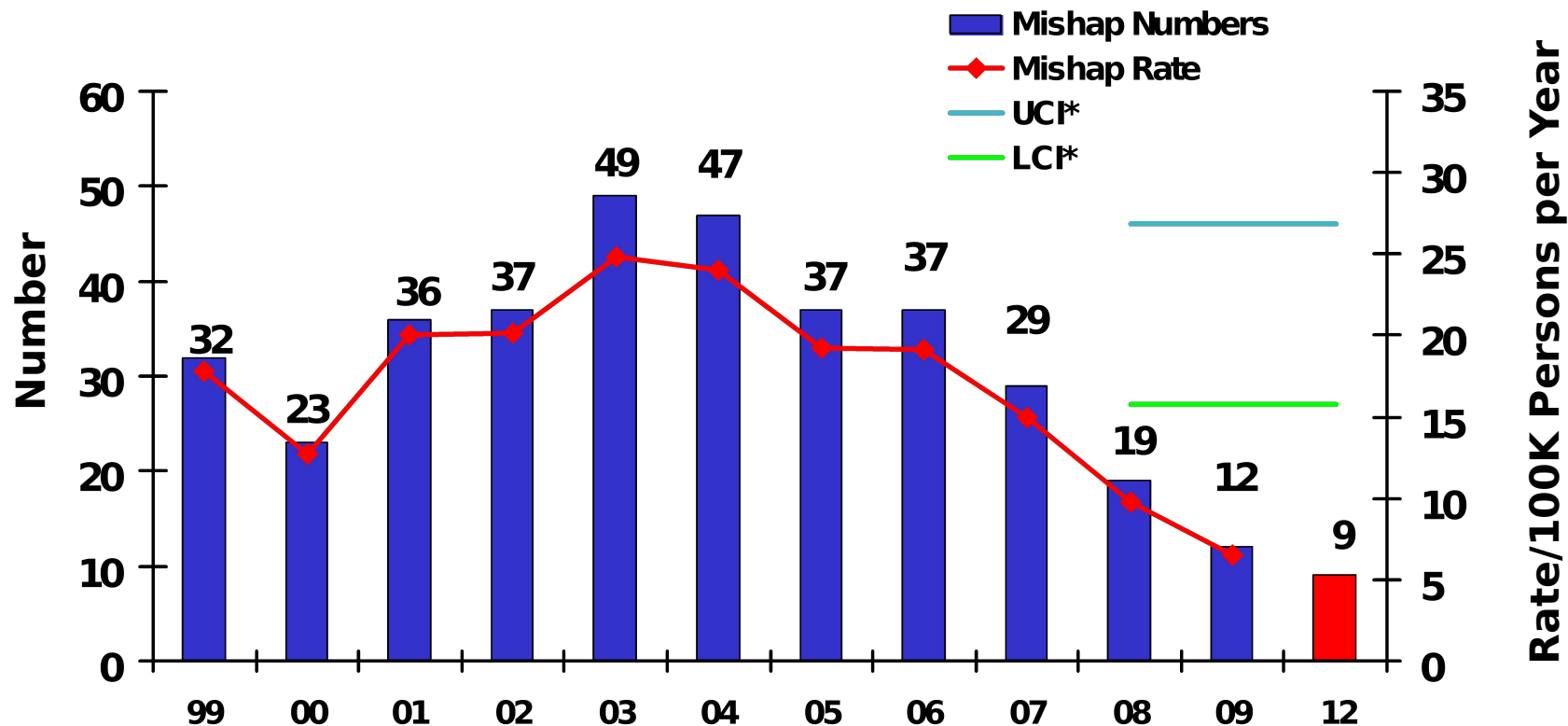
10 YEAR AVERAGE (FY99-08) MISHAPS/MISHAP RATE:

11.5 / 6.08

*see last slide for definition of UCI/LCI



TOTAL CLASS A ON-DUTY MISHAPS



Aug 08

CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 12 / 6.55

18 / 10.68

FY08 MISHAPS/MISHAP RATE: 19 / 9.76

10-YEAR AVERAGE (FY99-08) MISHAPS/MISHAP RATE: 34.6 / 18.28

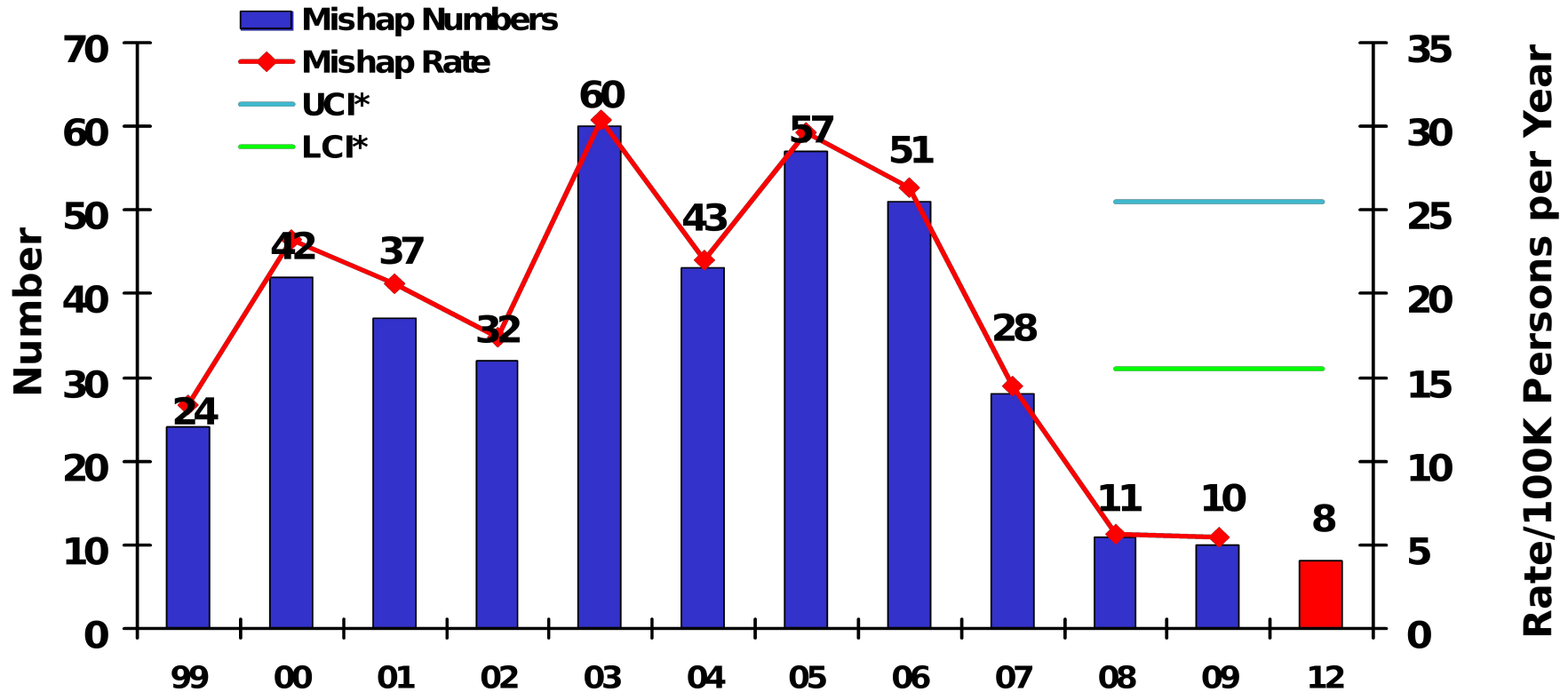
12 Aug 09

12

Max



ON-DUTY FATALITIES



12 Aug 08

CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 10 / 5.46

11 / 6.53

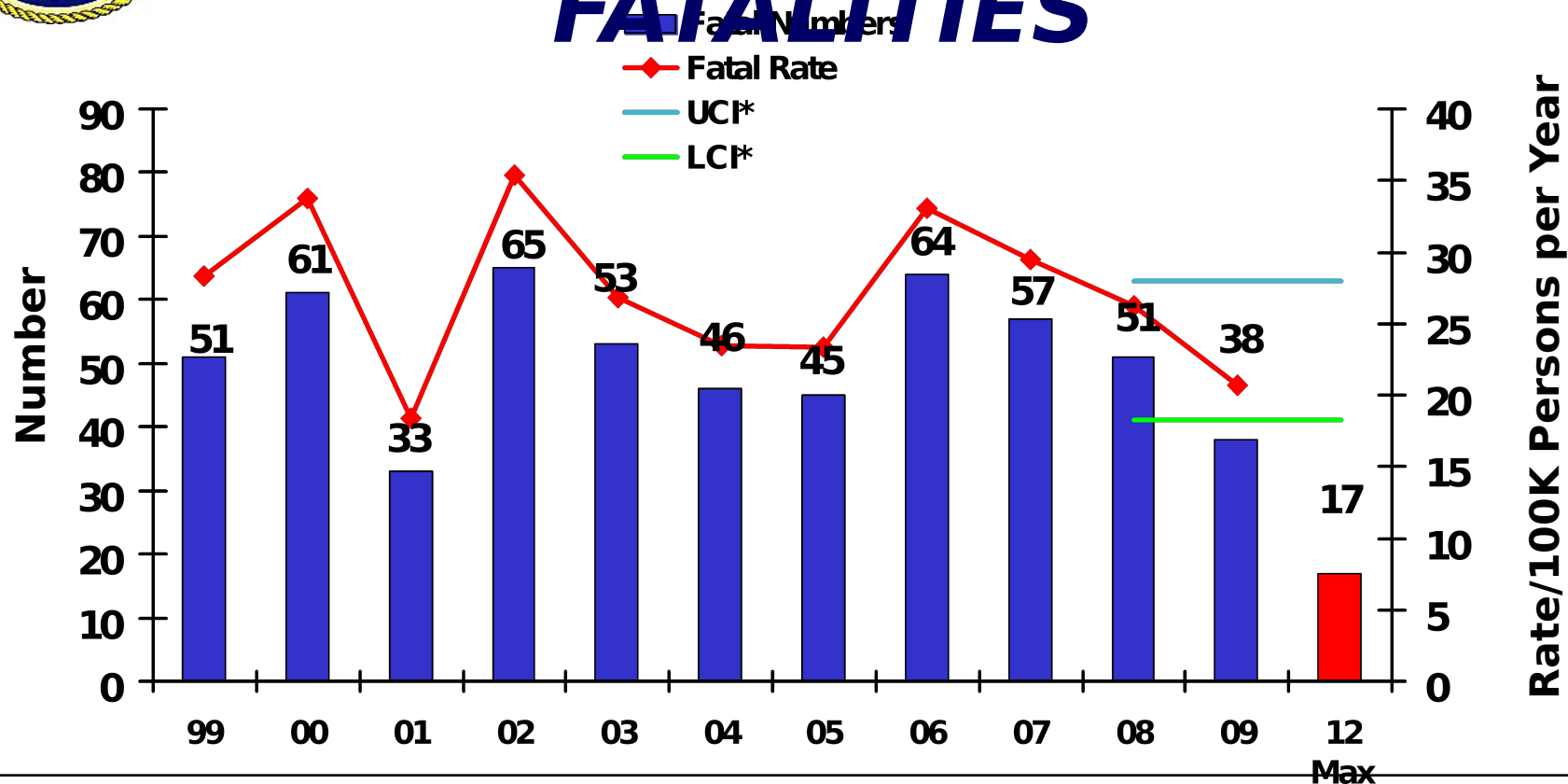
RATE: 11 / 5.65

10-YEAR AVERAGE (FY99-08) FATALITIES/FATALITY RATE: 38.5 / 20.34

Max
12 Aug 09



PMV FATALITIES



Aug 08

CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 38 / 20.75
44 / 26.11
FY08 FATALITIES/FATALITY RATE: 51 / 26.19
10-YEAR AVERAGE (FY99-08) FATALITIES/FATALITY RATE: 52.6 / 27.79

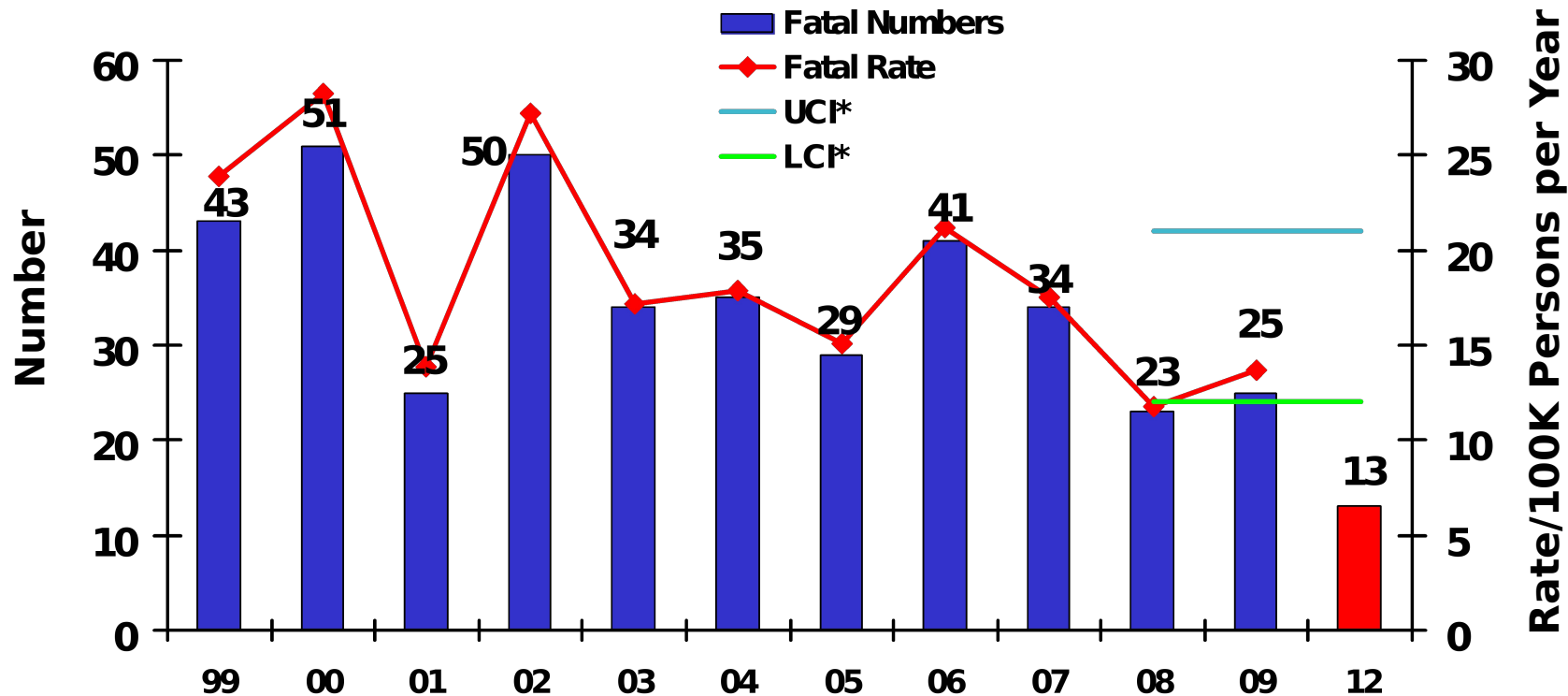
12 Aug 09

12

*see last slide for definition of UCI/LCI



4-WHEEL PMV FATALITIES



pedestrian fatalities not
included

Max

12 Aug 09

12 Aug 08

CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 25 / 13.65
20 / 11.87
FY08

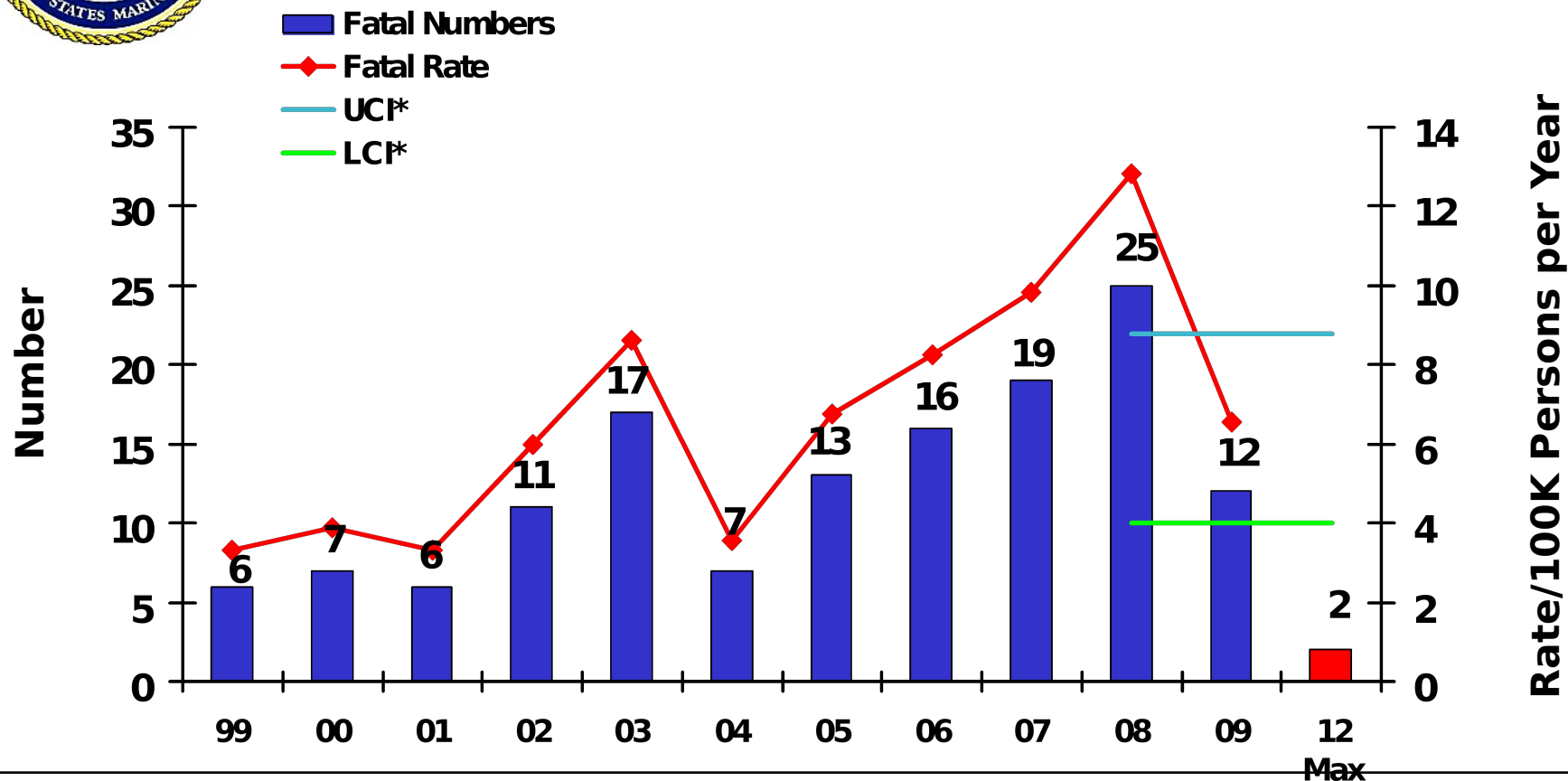
FATALITIES/FATALITY RATE: 23 / 11.81

10 YEAR AVERAGE (FY99-08) FATALITIES/FATALITY RATE: 36.5 / 19.29

*see last slide for definition of UCI/LCI



MOTORCYCLE PMV FATALITIES



Aug 08

CLASS A FATALITIES/FATALITY RATE FY COMPARISON:

12 Aug 09

12

**12 / 6.55
FY08**

22

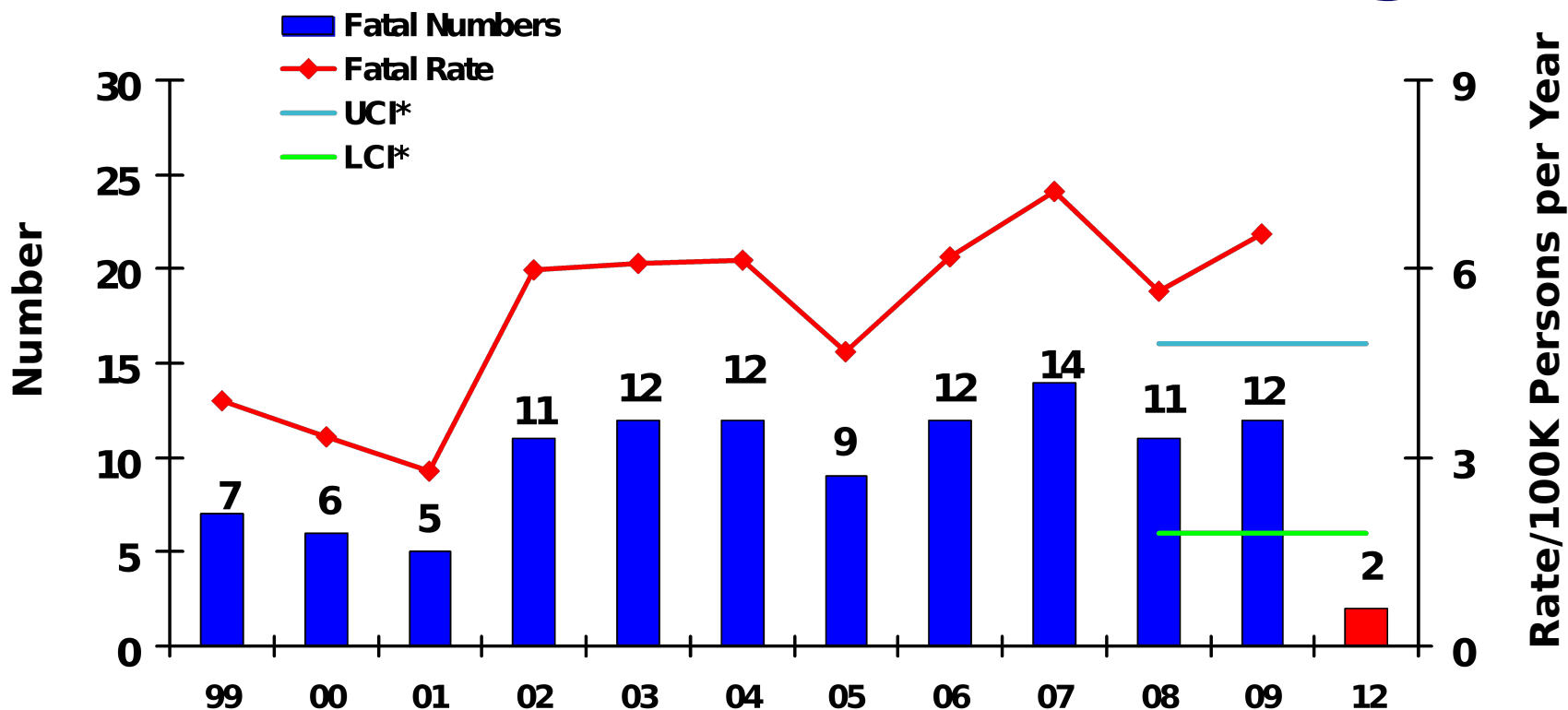
FATALITIES/FATALITY RATE: 25 / 12.84

10-YEAR AVERAGE (FY99-08) FATALITIES/FATALITY RATE: 12.7 / 6.71

*see last slide for definition of UCI/LCI



OFF-DUTY/REC FATALITIES



Aug 08

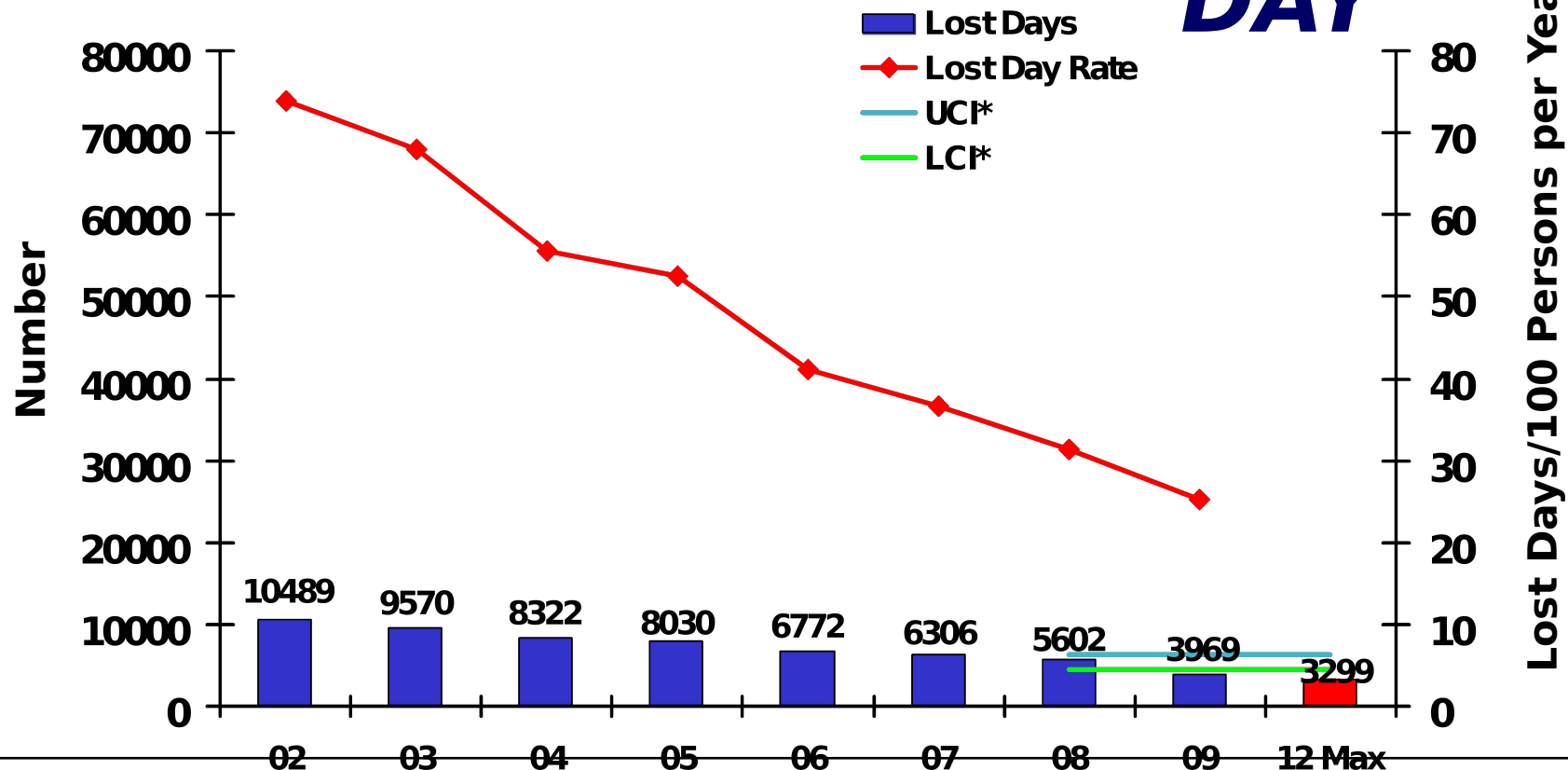
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 12 / 6.55 10
/ 5.93 **FY08 FATALITIES/FATALITY**
RATE: 11 / 5.65
10-YEAR AVERAGE (FY99-08) FATALITIES/FATALITY RATE: 9.9 / 5.23

12 Aug 09

12



CIVILIAN LOST WORK DAY



Jul 08
33.63

LOST WORK DAY FY RATE COMPARISON :

18 Jul 09
25.29

19

FY08 LOST WORK DAY RATE : 31.34

5-YEAR AVERAGE (FY04-08) LOST WORK DAY RATE : 42.45

Navy Short Narratives

red indicates OIF/OEF mishap

■ USN AVIATION CLASS A MISHAPS (includes FRMs not included in the Flight Slide)

- 07 Aug 09 F/A-18A+ had dual bleed air warning light indications in flight with damage to fire walls. Aircraft landed safely with no aircrew injuries.
- 21 Jul 09 HH-60H struck the ground. Minor injuries.
- 08 Jun 09 F/A-18E right main landing gear collapsed during arrested landing rollout at NAF.
- 19 May 09 HH-60H crashed in the water. 5 fatalities.
- 19 Mar 09 E-2 blew tire and departed runway on landing.
- 10 Feb 09 MH-60S sustained a hard landing.
- 02 Feb 09 Midair collision between two F/A-18 aircraft. Both aircraft recovered safely aboard ship.
- 17 Nov 08 EA-18G left engine fire during flight.
- 20 Oct 08 P-3C departed runway after landing. No injuries.
- 04 Oct 08 F/A-18F struck a Sailor on flight deck during catapult launch. 1 fatality. (FLT REL)
- 04 Oct 08 Helicopter struck tailboom of lead helicopter during landing resulting in hard landing and rollover. 1 non-DOD fatality.

■ USN AFLOAT CLASS A MISHAPS

- 08 Jul 09 E-6 died when he fell overboard while rigging shore power cables prior to entering port.
- 07 May 09 E-7 died during dive training evolution.
- 24 Apr 09 E-4 died while performing ship maintenance.
- 20 Mar 09 Sub and amphib collided.
- 05 Feb 09 CG ran aground while conducting small boat transfer.
- 04 Feb 09 SVCNM lost at sea when RHIB flipped while being lowered into the water when tending line became hooked on crane cable. 2 of 3 Sailors safely recovered.
- 24 Nov 08 Sonar dome rubber window (SDRW) damaged requiring drydock.
- 04 Oct 08 Teeth bent in main reduction gear during PMS.

■ USN SHORE CLASS A MISHAPS

- 29 Jun 09 (Kings Bay, GA) Indoor Firing Range suffered structural damage due to a fire.
- 22 Jun 09 (Kings Bay, GA) REFIT facility damaged by heavy weather.
- 18 Jun 09 (Yuma, AZ) E-6 died during night MFF Jump Master course.

Navy Short Narratives

red indicates OIF/OEF mishap

■ USN SHORE CLASS A MISHAPS (con't)

03 Jun 09 (Coronado, CA) DON civilian died after falling approximately 30 feet while assisting with an HVAC repair.

28 Apr 09 (Solomon's Island, MD) Pier and ship damaged by fire.

17 Feb 09 (Ft. Jackson, SC) O-5 died in a training mishap.

22 Jan 09 (San Clemente Island, CA) Two buildings and all contents destroyed by fire.

25 Dec 08 (Bahrain) Navy RHIB collided with a moored barge resulting in 1 fatality and 2 injuries.

09 Nov 08 (Pearl City, HI) Advanced Seal Delivery System (ASDS) damaged by fire.

■ USN PHYSICAL TRAINING CLASS A MISHAPS

27 Apr 09 (Mayport, FL) E-5 collapsed and died during command sponsored PT.

30 Jan 09 (Naples, IT) O-6 died shortly after complaining of stomach pain during semi-annual PRT.

■ USN ON-DUTY MOTOR VEHICLE CLASS A

No events this FY.

■ USN PRIVATE MOTOR VEHICLE FATALITIES

08 Aug 09 (Norfolk, VA) E-5 died in a single motorcycle mishap.

06 Aug 09 (Bethesda, MD) Foreign Exchange Officer, O-4 struck and killed by a car while crossing the street.

26 Jul 09 (Tallulah, LA) E-6 died in a multiple vehicle mishap.

25 Jul 09 (Norfolk, VA) E-5 died in a single vehicle mishap. SNM was a passenger.

18 Jul 09 (Monterey, CA) E-4 died when the motorcycle on which she was a passenger struck a motor home.

05 July 09 (Augusta, ME) E-6 died in a motorcycle mishap after striking oncoming vehicle while participating in a group ride.

04 July 09 (Quincy, MA) E-3 died after running a red light causing a multiple vehicle mishap in which both front seat occupants were ejected.

26 Jun 09 (Virginia Beach, VA) E-5 died in single vehicle mishap when automobile flipped and SNM was ejected.

24 Jun 09 (Chula Vista, CA) E-4 died in a single vehicle mishap.

20 Jun 09 (Virginia Beach, VA) E-6 died in a motorcycle mishap.

15 Jun 09 (Fresno, CA) E-3 died in a single vehicle mishap.

22 May 09 (I-5 near Camp Pendelton) E-3 died in single vehicle mishap.

Navy Short Narratives

red indicates OIF/OEF mishap

■ USN PRIVATE MOTOR VEHICLE FATALITIES (con't)

- 09 May 09 (Lee, NH) E-5 died in an automobile mishap when an oncoming vehicle crossed centerline and struck head-on.
- 05 May 09 (Torrance, CA) E-6 died in single vehicle rollover.
- 26 Apr 09 (Kettleman, CA) E-4 died in an automobile mishap when she was struck head-on by another vehicle.
- 23 Apr 09 (Green River, UT) E-5 died in automobile mishap when he collided with a tractor trailer.
- 03 Apr 09 (Norfolk, VA) O-1 died in a motorcycle mishap.
- 14 Mar 09 (Salerno, IT) E-5 died in a motorcycle mishap.
- 07 Mar 09 (Norfolk, VA) E-4 died when his motorcycle struck another vehicle.
- 02 Feb 09 (Tulare County, CA) E-4 died when his car was struck by a drunk driver traveling northbound in southbound lane.
- 01 Feb 09 (San Bernardino, CA) E-4 died when his car was struck from behind and caught fire.
- 10 Jan 09 (Ojai, CA) E-6 died in a motorcycle mishap when he drifted over the center line and collided with an oncoming vehicle during a group ride.
- 03 Jan 09 (Lafayette, LA) E-3 died when his vehicle rolled over into water and submerged.
- 07 Dec 08 (San Diego, CA) E-4 died when his vehicle departed the roadway while negotiating an interstate on-ramp. Alcohol was a factor.
- 15 Nov 08 (Nassau, FL) E-4 died when the vehicle in which he was a passenger veered into the median barrier and he was ejected from the vehicle.
- 08 Nov 08 (Big Bear, CA) CW05 on terminal leave died when his cruiser motorcycle drifted into oncoming traffic while rounding a curve.
- 10 Oct 08 (Boron, CA) E-4 died in an automobile mishap when he swerved into oncoming traffic and collided head-on with another vehicle.
- 05 Oct 08 (Spring View, CA) E-5 died from injuries sustained in a motorcycle mishap.
- 01 Oct 08 (Kleberg County, TX) O-2 died when he was struck by an automobile while riding his bicycle.

■ USN OFF-DUTY/RECREATIONAL FATALITIES

- 08 Aug 09 (Kentucky) E-3 drowned after diving into the water and failed to resurface.
- 01 Aug 09 (Kingsland, GA) E-5 drowned after falling out of a small pleasure craft.
- 28 Jun 09 (Lake Luzerne, NY) E-4 died in a recreational swimming mishap.

Navy Short Narratives

red indicates OIF/OEF mishap

■ USN OFF-DUTY/RECREATIONAL FATALITIES (con't)

22 May 09 (Fallon, NV) O-5 died in civilian light airplane crash.

04 Jan 09 (Gaeta, IT) E-6 died from accidental carbon monoxide poisoning.

01 Jan 09 (Lakeside, CA) E-7 died from hypothermia.

28 Dec 08 (Lombard, IL) E-2 died after being hit by freight train while walking on tracks.

27 Dec 08 (Grand Bland, MI) E-2 died after being found unresponsive after a night of drinking.

23 Dec 08 (Pace, FL) O-6 died from fall while trimming a tree.

Marine Corps Short Narratives

red indicates OIF/OEF mishap

■ USMC AVIATION CLASS A MISHAPS (includes AGMs not included in the Flight Slide)

05 May 09 AH-1W crashed with fatalities.

29 Dec 08 AV-8B crashed on PAR final approach, pilot died.

08 Dec 08 F/A-18D crashed on final to homefield, pilot safely ejected.

■ USMC GROUND CLASS A

24 March 09 (Okinawa) E-6 died as a result of a non-combat explosive ordnance disposal operation.

09 Mar 09 (Iraq) E-3 died from an accidental discharge of a weapon.

09 Feb 09 (Camp Lejeune) E-5 died after being struck in the chest by a ricochet bullet while pulling targets at the shooting range.

■ USMC PHYSICAL TRAINING CLASS A MISHAPS

No events this FY.

■ USMC OPERATIONAL MOTOR VEHICLE

16 Jun 09 (Camp Lejeune, NC) E-3 died in a HMMWV mishap.

19 May 09 (Camp Pendleton, CA) E-4 died in a HMMWV mishap.

28 Feb 09 (Iraq) E-4 died from injuries after being struck by a tactical vehicle.

01 Dec 08 (Iraq) M1A1 tank sustained major damage when driven into wadi, dislodging gun turret.

23 Oct 08 (Hauula, HI) One civilian was killed when a 7-ton tactical vehicle collided head-on with civilian vehicle.

09 Oct 08 (Afghanistan) E-4 died in a HMMWV mishap when the vehicle rolled over while he was in the turret gunner position.

■ USMC PRIVATE MOTOR VEHICLE FATALITIES

01 Aug 09 (San Clemente, CA) E-4 died when the vehicle in which he was a passenger struck a tree.

19 Jul 09 (Whittier, CA) E-5 died when the vehicle in which he was a passenger struck a tree.

11 Jul 09 (Zanesville, OH) E-1 died in an automobile mishap when his vehicle struck a tree.

05 July 09 (Palmdale, CA) E-2 died in a automobile mishap while traveling at speeds reported in excess of 100 mph.

Marine Corps Short Narratives

red indicates OIF/OEF mishap

■ USMC PRIVATE MOTOR VEHICLE FATALITIES (con't)

- 13 Jun 09 (Helechawa, KY) E-1 died in a motorcycle mishap.
- 05 Jun 09 (New Bern, NC) E-4 died in single vehicle rollover.
- 31 May 09 (Jacksonville, NC) E-5 died when his vehicle overturned and he was thrown from the car.
- 17 May 09 (Jacksonville, NC) E-2 died in an automobile mishap.
- 10 May 09 (Yuma, AZ) E-1 and E-3 died and an E-2 in critical condition as a result of a single vehicle mishap.
- 05 May 09 (Jacksonville, NC) E-4 died in an automobile mishap.
- 28 Apr 09 (Yucca Valley, CA) O-4 died when his motorcycle struck a turning vehicle.
- 24 Apr 09 (Independence, MO) E-1 died when his motorcycle struck the back of a tractor trailer.
- 13 Apr 09 (Freedom Township, Blair Co, PA) E-5 died when his vehicle departed the roadway.
- 10 Apr 09 (Sneads Ferry, NC) E-6 died in motorcycle mishap when he collided head-on with another vehicle.
- 04 Apr 09 (Riverside/San Diego County Line, CA) E-3 died in a motorcycle mishap when he collided with an oncoming vehicle.
- 01 Apr 09 (Kendall County, TX) E-3 died in a single vehicle mishap.
- 28 Mar 09 (Spartanburg, SC) E-2 driver and E-3 passenger died in a single vehicle mishap.
- 24 Mar 09 (Westover, MD) E-3 died in an automobile mishap when vehicle left the road and struck a tree.
- 22 Mar 09 (Japan) E-6 died when the moped he was operating hit a curb and he was thrown from the vehicle.
- 18 Mar 09 (Marietta, GA) E-5 died when he lost control of his motorcycle.
- 16 Mar 09 (San Bernardino, CA) E-3 was in an automobile mishap and died from injuries on 11 Jul 09.
- 15 Mar 09 (Mt. Carmel, IL) E-4 died in a single vehicle automobile mishap.
- 05 Mar 09 (Reading, PA) E-6 died when his vehicle struck a utility pole.
- 14 Feb 09 (Oceanside, CA) E-4 died in a motorcycle mishap.
- 31 Jan 09 (San Diego, CA) E-3 died when her vehicle went out of control, struck a barrier and caught fire. Speed was a factor.
- 20 Jan 09 (Milton, PA) Two E-2's died and one E-2 was critically injured when their vehicle crossed over the median into oncoming traffic.
- 15 Jan 09 (Sneads Ferry, NC) E-4 died in a motorcycle mishap when he lost control of the motorcycle and collided with an oncoming vehicle.
- 13 Jan 09 (Salton City, CA) E-4 died in a motorcycle mishap when he failed to negotiate a turn and he departed the roadway.
- 27 Nov 08 (Greeleyville, SC) E-6 died when his vehicle ran off the road and he was ejected from the vehicle.

Marine Corps Short Narratives

red indicates OIF/OEF mishap

■ USMC PRIVATE MOTOR VEHICLE FATALITIES (con't)

- 22 Nov 08 (Vista, CA) Two E-3's died in an automobile mishap when their vehicle struck a tree and caught fire.
- 08 Nov 08 (Arlington, VA) PFC died when he was struck by a vehicle while walking on a highway.
- 03 Nov 08 (Pensacola, FL) E-2 died in a motorcycle mishap when he lost control and struck a tree.
- 02 Nov 08 (Jacksonville, NC) E-3 died when the vehicle in which he was a passenger struck a parked car and flipped.
- 17 Oct 08 (Phoenix, AZ) E-7 died in a motorcycle mishap when he ran into the side of a vehicle that failed to stop at a red light.

■ USMC OFF-DUTY/RECREATIONAL FATALITIES

- 04 July 09: (Winterhaven, CA) E-3 drowned after being caught in an undercurrent while swimming in the Colorado River.
- 27 Jun 09 (Rocky Point, NC) E-2 drowned while on camping trip.
- 14 Jun 09 (Huntington Beach, CA) E-4 died in a recreational swimming mishap.
- 03 May 09 (Cortland County, NY) E-1 found dead at a friend's home after night of drinking.
- 07 Mar 09 (Imperial Sand Dunes, CA) E-4 died in an ATV mishap.
- 14 Dec 08 (Fallbrook, CA) E-4 died from excessive consumption of alcohol.
- 23 Nov 08 (Edith Falls, Australia) E-3 died in a recreational swimming mishap.
- 11 Nov 08 (Spring Hill, FL) O-5 died in a recreational scuba diving mishap.
- 08 Nov 08 (Onna, Japan) E-4 drowned while snorkeling after experiencing rough water conditions.
- 02 Nov 08 (Phoenix, AZ) E-4 died when a shotgun accidentally discharged as he was retrieving it from his vehicle.
- 13 Oct 08 (Camp Lejeune, NC) E-2 died from excessive consumption of alcohol.
- 09 Oct 08 (Port Richie, FL) E-3 died from excessive consumption of alcohol.



Mishap Confidence Interval



- UCI = Upper Confidence Interval
- LCI = Lower Confidence Interval
- Values above or below confidence interval infer a statistically significant change
- Values within the confidence interval infer that nothing significant has occurred to increase or decrease mishaps
- Confidence Interval is based on:
 - Cumulative Poisson distribution function
 - Calculated using FY03-08 data